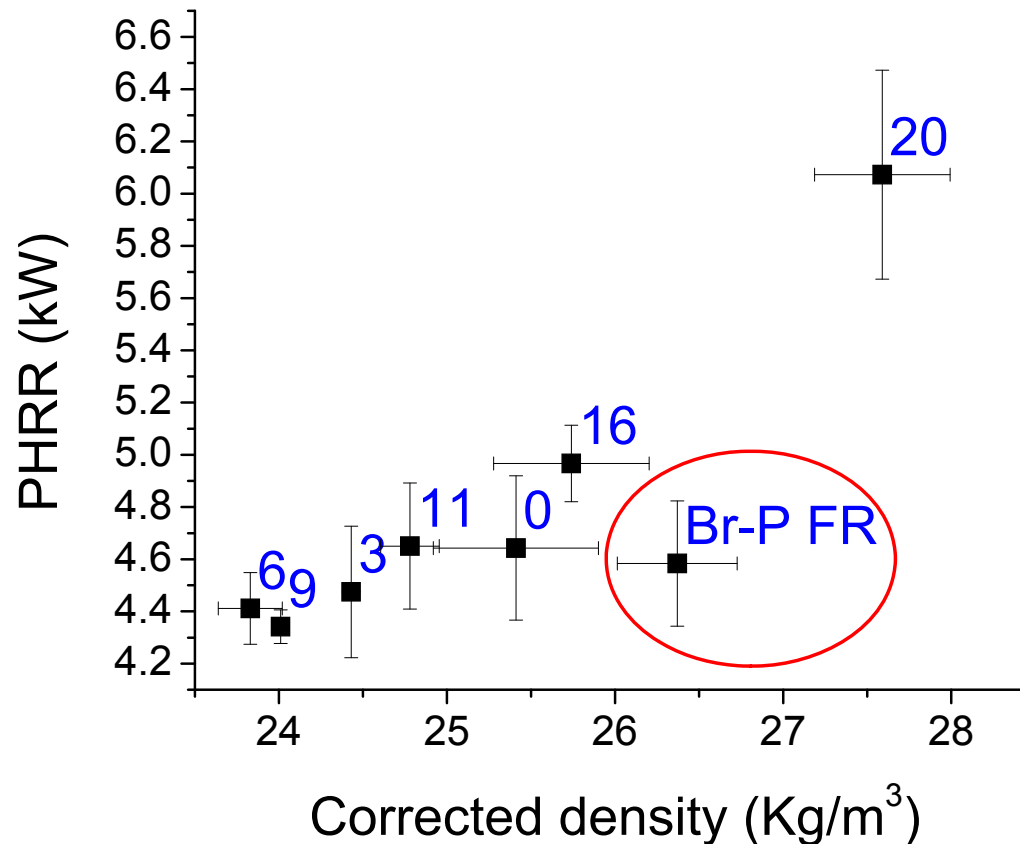


Effect of density on PHRR



Effect of corrected density (density calculated by subtracting the mass of talc from the total mass of the specimens) of the foam on PHRR measured by means of the modified cone calorimeter. The concentration of talc in mass % is shown next to the data points. The error bars reported here are equal to $\pm\sigma$ (standard deviation). External heat flux: 11 kW/m². Br-P Fr is a formulation containing about 6 % by mass of a Brominated-Phosphorous Flame retardant. See [Proceedings BCC'08](#) for more details.

The PHRR increases with the corrected density. The Brominated-Phosphorus flame retardant (Br-P FR), at the level used here, is ineffective in reducing the PHRR